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*The Famous
Everbearing Strawberry
Progressive
See page 11*

*Early
June
Red
Raspberry
See Page 9*



Growers of
High Grade
Nursery Stock
L. W. Hall Company
(INCORPORATED)
Rochester, New York



**Delicious
Apple**

The Delicious is all that its name suggests. It originated in the State of Iowa and has made its way to every section. The Delicious is a splendid apple everywhere, but the peculiar hardness of the tree makes Delicious transplant more successfully than those produced in some of the other states where humus predominates in the soil. Delicious trees propagated on clay land have vitality that is unknown among those of any other section. By all means include a few Delicious in your 1919 order and you will always be pleased. Its delicious aroma, striking fruit, fine grain, unrivaled quality and good keeping and shipping qualities, place it among the best winter apples.



As They Grow in Our Nursery.

Of Interest to Our Customers

WE TAKE PLEASURE in sending you our latest Catalog, and want you to study it closely. In it you will find full information about the trees and plants we grow, the best of the old kinds as well as many new varieties of merit. Every word in this catalog and every picture in it has been carefully chosen. We have described our stock fully and honestly, and therefore our catalog with its illustrations and statements of quality are just as **direct promises** of what we will deliver you as though you were in our office and we made the statements to you in person.

QUALITY. It is our constant aim to produce trees and plants as nearly perfect as they can be grown. Every tree, bush or plant we offer is guaranteed up to the standard, healthy, thrifty, well rooted, **true to name**, and free from San Jose Scale or disease of any kind. **Our stock is dug fresh from the ground in the spring** and packed so as to reach you in perfect condition, and carries our iron-clad guarantee of **Quality** and **Satisfaction**, or money cheerfully refunded.

We are glad to advise our patrons that shipping conditions have improved 100%. The railroads and express companies now being relieved of the heavy congestion caused by the shipments of war materials, shipments of nursery stock will go through promptly in the spring. Shipments we made in the fall to practically all parts of the country were delivered in quick time, and we anticipate still better service this spring.

ORDER EARLY. Don't wait until the last minute, when in your rush you may forget some important items. **Prepare** for your planting **now** while you have time to think and plan, and send us your order **without delay**.

TERMS are **net cash with order**, except where otherwise arranged.

SHIPPING SEASONS. Our spring shipping season opens about the first of April and continues to about May 20th. In the fall we start shipping about October 10 and continue to about December 1.

PLANTING SEASON is not governed by any particular date or condition of vegetation in your section, but by the **condition of stock on arrival**. Everything we ship in the spring is dug while still in dormant winter state, before it has commenced its new season's growth. The way we pack for shipment, stock keeps perfectly in this dormant state until received by you. So that regardless of the condition of vegetation in your section when you get our shipment—whether advanced or retarded—that does not affect our stock in any way, and if you will plant it according to directions and give it reasonable care you will find it will thrive.

GUARANTEE. We use the greatest precaution to have everything we send out true to name, but if through any fault of ours any stock proves not true to label, we will on proper proof, replace double the number of trees or plants not true, or we will refund the purchase price, plus 6 per cent compound interest and also replace stock.

SPECIAL DISCOUNT of 5% allowed on cash orders received before March 15.



As They Grow in Your Orchard.



Red Astrachan.

Northern Grown Apples

Summer Apples

Prices of Standard Apples (Except Crimson Beauty and Delicious), all grown on Best Imported French Whole Root Seedlings:

	Each	10	100
XXX Extra, 5 to 7 ft., $\frac{3}{4}$ inch and up in caliper....	\$0.40	\$3.50	\$30.00
XX First Class, 5 to 6 ft., $\frac{3}{8}$ to $\frac{3}{4}$ inch caliper...	.35	3.00	25.00
X Medium Size, 4 to 5 ft., $\frac{1}{2}$ to $\frac{3}{8}$ in. caliper...	.30	2.50	20.00

5 at 10 rate, 50 at 100 rate.

EARLY HARVEST. Medium to large; pale yellow; fine flavor. Tree moderate, erect grower; good bearer. Middle to end of August.

EARLY CRIMSON BEAUTY. Best early red Apple. Good size, white flesh, tender, juicy, pleasant flavor. (Sells better than Astrachan.) Very hardy, bears young, very productive.

Price, XXX, 50c each; \$4.50 per 10; \$35.00 per 100. XX, 40c each; \$3.50 per 10; \$30.00 per 100.

SWEET BOUGH. One of the finest summer apples. Bears young and abundantly. Fruit large, pale green; flesh fine, very tender, juicy, sweet, with rich flavor. (August).

ASTRACHAN, RED. Good size, deep crimson over-spread with thick bloom. Flesh white, tender, juicy and rich; excellent for cooking or dessert. Tree very hardy, vigorous grower, comes into bearing while very young. (August).

YELLOW TRANSPARENT. One of the best extra early Apples for all sections. Good size, clear white, turning to pale yellow. Flavor acid, very good. Bears very young, yield immense crops every year. Extremely hardy.

Fall Apples

ALEXANDER. Very large, attractive red or striped apple. Flesh white, juicy, mild sub-acid, good; in strong demand at good prices; hardy, productive, bears early.

DUCHESS OF OLDENBURG. One of the Best. Handsome, good size, streaked red and yellow. Excellent quality. Very hardy, bears very young and abundantly. An extra good shipper, one of the best money-making sorts; one of the most important varieties for all sections.

FAMEUSE (Snow Apple). One of our finest dessert fruits. Medium size, smooth, regular, deep crimson, with snowy white, tender, melting flesh of delightful flavor.

FALL PIPPIN. Very large; yellow, tender, juicy and rich. Tree vigorous.

DUDLEY (North Star). Fruit large, attractive in appearance; red or red-striped over contrasting bright pale yellow. Flesh tinged with yellow, firm, crisp, tender, very juicy and aromatic, very good quality. Hardy, productive, bears early.

GRAVENSTEIN. Large, greenish yellow with red stripes. Juicy, sub-acid, aromatic; very good to best.

MAIDEN BLUSH. Medium to large; pale, waxen-yellow with crimson blush. Flesh tender, juicy, sub-acid. Hardy, and a fine grower.

TWENTY-OUNCE. Very large, yellow and red; tender, juicy, crisp, sub-acid; productive.



Wolf River.



Winter Banana.

Winter Apples

BALDWIN. Large, deep red; crisp and juicy, of fine, rich, sub-acid flavor and delightful aroma. Keeps splendidly well into winter; an excellent shipper. The market always pays well for Baldwins. Quick, strong grower.

BEN DAVIS. Yields immense crops of large, sub-acid, bright red, fine-shaped fruit. One of the longest keeping sorts.

BLACK BEN DAVIS. Large, deep, dark red. Splendid keeper. Hardy, bears young, produces immense crops.

DELICIOUS. The National Dessert Apple. Successful wherever Apples grow. Large, conical shaped, beautifully colored, striped red over yellow. Flesh tender, with rich, distinctive flavor, very aromatic and pleasant to the taste. Truly Delicious. Hardy, bears young and abundantly. Brings more money per box than other sorts bring per barrel. Price, XXX, 50c each; \$4.50 per 10; \$40.00 per 100. XX, 40c each; \$3.50 per 10; \$30.00 per 100.

GOLDEN RUSSET. Medium size, clear golden russet with slight blush. Juicy and high flavored.

GRIMES GOLDEN. The most popular golden apple, prized for its beauty and quality. Golden, transparent yellow, tender, rich and delicious; keeps well without losing any of its crispness or flavor. One of the best for fancy box trade.

HUBBARDSTON (Nonesuch or American Blush). Large, striped yellow and red; tender and juicy.

JONATHAN. Brilliant red apple of high flavor. Juicy, fine-grained, tender. Productive; bears young.

MCINTOSH RED. Fruit bright red, wondrously beautiful, with tender white flesh of splendid flavor and highest quality; juicy and aromatic. An excellent shipper. Tree most hardy and vigorous; will bear in three to four years, and has heavy crops. Adapted to a wide range of territory.

KING OF TOMPKINS COUNTY. Superb red apple of extraordinary size and fair quality.

NORTHERN SPY. Red, usually striped with yellow. Tender, crisp, highest quality. One of the best.

NORTHWESTERN GREENING. Tree vigorous, strong grower, productive. Fruit greenish-yellow, large, mild, sub-acid. Very hardy.

R. I. GREENING. A great and constant bearer in nearly all soils and situations. Large, greenish-yellow; flesh yellow, fine-grained, tender, crisp, juicy, sub-acid; fine for cooking. Excellent variety to grow with Baldwin for commercial orchard.

ROME BEAUTY. Large, handsome, bright red apple. Flavor and quality above average. Comes into bearing in three years and never fails to have heavy crops each year.

SPITZENBURG (Esopus). Medium, dull red; flesh yellow, firm, juicy, delicious, sub-acid.

STARK. Large, golden-green shaded with red. Juicy, mild, sub-acid. Good keeper.

STAYMAN'S WINESAP. Truly a great apple. Dark, rich red, striped with yellowish-green. Firm, fine grained, exceedingly juicy and spicy. Wonderfully productive.

TALMAN SWEET. The best winter sweet apple. Medium, pale whitish-yellow; flesh white, fine grained; much esteemed for baking and cooking.

Evans City, Pa.,
March 25, 1918.

Trees received from you in the past 5 years gave the best of satisfaction and are now fine large fruit trees. A Bourgeat Quince gotten 5 years ago had 22 fine, fully developed quinces on last year (1917).

HARRY H. McCORMICK.

Ridgewood, N. J.,
March 7, 1918.

Very well pleased with the trees you sent me the past two years. Out of a total of about 60 have only lost two.

A. W. MIESSE.

Lionville, Pa.,
June 16, 1918.

The fruit trees I received from you this spring are fine, even better than I have received from you on previous times, and much better than I can get elsewhere for the same price.

F. W. HOYLE, Box 33.

WEALTHY. One of the best money-making sorts. Bears young. Heavy crops annually. Brilliant red, large and handsome. Splendid quality. Good keeper. Extremely hardy. One of the most profitable varieties.

WINTER BANANA. An excellent new apple. Very showy in appearance, large size, roundish, deep yellow with red cheek, heavily waxed; attracts attention at once. Tender and delicious, with banana perfume.

WOLF RIVER. Highly colored red giant show apple. Flesh white, sub-acid, good quality. Tree very hardy and productive, bears early and annually, a most profitable commercial variety, 80 to 100 apples fill a bushel box.

Crab Apples

	Each	10	100
XXX	\$0.45	\$4.00	\$35.00
XX .....	.40	3.50	30.00

HYSLOP. Large, dark red, sub-acid.

TRANSCENDENT. Large, yellow with crimson cheek.

WHITNEY. Large, greenish, striped with carmine. Juicy and rich.

Dwarf Apples

We can furnish the following varieties in Dwarf Apples; for descriptions of fruit see same varieties under Standards:

Yellow Transparent

Duchess of Oldenburg

McIntosh Red

Rhode Island Greening

Wealthy

Baldwin

Red Astrachan

Northern Spy

Price of Dwarf Apples: 40 cents each; \$3.50 per 10.



Early Crimson Beauty.

Pears Extra Strong 2- and 3-Year

Price of Standard Pears, (except Buerre Bosc)

	Each	10	100
XXX Extra, 5 to 7 feet, $\frac{3}{4}$ inch and up in caliper	\$0.40	\$3.50	\$30.00
XX First Class, 5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ inch in caliper	.35	3.00	25.00
X Medium Size, 4 to 5 feet, $\frac{1}{2}$ to $\frac{5}{8}$ inch in caliper	.30	2.50	20.00
5 at 10 rate, 50 at 100 rate.			

Summer Pears

BARTLETT. General favorite. Large, beautiful and excellent; yellow, tinged with red; buttery and melting; rich, musky flavor.

CLAPP'S FAVORITE. Large, showy, fine looking pear of good quality, profitable for market. Golden yellow with red cheek; melting, juicy, with sweet, delicate flavor.

WILDER EARLY. Good size, yellow with carmine shading; fine grained, tender, juicy, sweet, pleasant flavor.

Autumn and Winter Pears

BEURRE D'ANJOU. Equals Bartlett in quality. Large, handsome, greenish-yellow blushed with crimson. Tree hardy. Succeeds everywhere, bears heavy crops.

BEURRE BOSCH (Thanksgiving Pear). Extra large, superb quality. Deep russet yellow. Flesh white, rich and delicious. Keeps well until Christmas. Price, 75c each.

CLAIRGEAU. Valuable for market. Smooth yellow skin shaded with orange and scarlet; flesh yellow, juicy, aromatic. Bears early and abundantly.

DUCHESS D'ANGOULEME. Large, greenish yellow; tender, buttery. Best as dwarf.

FLEMISH BEAUTY. Large, beautiful, juicy, melting, rich. Strong grower; good bearer.

KIEFFER. Wonderfully abundant regular bearer. Always sells at good prices. Golden yellow when ripe; flesh white, crisp, juicy.

LAWRENCE. Medium to large, golden-yellow; melting, aromatic flesh.

SECKEL (Sugar Pear). Small, finest flavor; excellent for pickling and dessert.

SHELDON. Medium size, russet, melting, rich, very juicy, delicious.

WORDEN-SECKEL. Golden-yellow, with crimson cheek. Flesh white, buttery.

Dwarf Pears

2- and 3-year extra fine	Each	10	100
XXX Extra, 3 to 4 ft., $\frac{1}{16}$ in. caliper	\$0.35	\$3.00	\$25.00
XX First Class, 2 to 3 ft., $\frac{5}{8}$ to $\frac{1}{16}$ in. caliper	.30	2.50	20.00

Varieties—Bartlett, Beurre D'Anjou, Clapp's Favorite, Duchess D'Angouleme, Clairgeau, Seckel, Worden-Seckel.



Kieffer.

Cherries

Extra fine 2- and 3-year, grown on best imported French Whole Roots.

Sweet Cherries

	Each	10	100
XXX Extra, 6 to 7 feet, $\frac{3}{4}$ -in. caliper	\$0.40	\$3.50	\$30.00
XX First Class, 5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ -in. caliper	.35	3.00	25.00
X Medium, 4 to 5 feet, $\frac{1}{2}$ to $\frac{5}{8}$ -in. caliper	.30	2.50	20.00

BING. A new black cherry; size large, color blackish-purple; flesh very solid and of the highest flavor.

BLACK TARTARIAN. This fine old variety produces immense crops of very large, purplish-black fruits of high quality, juicy, meaty, mild and sweet.

CENTENNIAL. One of the most valuable. A seedling of Napoleon, larger, sweeter, better flavor, smaller pit. Amber yellow, overlaid with crimson.

GOVERNOR WOOD. Very large, rich; light yellow with red cheek; juicy and sweet. One of the very best.

LAMBERT. One of the largest of all; heart-shaped, dark purplish red, turning to almost jet black when ripe. Flesh firm, solid, rich and juicy, sprightly flavor.

NAPOLÉON. Very large, yellow and amber with bright red blush; flesh firm, juicy and delicious. Bears enormous crops.

SCHMIDT'S BIGGAREAU. Unsurpassed in size. Glossy black, flesh crisp, firm, juicy, sweet, rich flavor.

WINDSOR. Large liver-colored Cherry, remarkably firm and good.

YELLOW SPANISH. Large, pale yellow with light red cheek; firm and delicious.

Sour Cherries

	Each	10	100
XXX Extra, 5 to 6 ft., $\frac{3}{4}$ inch caliper	\$0.40	\$3.50	\$30.00
XX First Class, 4 to 5 ft., $\frac{5}{8}$ to $\frac{3}{4}$ -in. caliper	.35	3.00	25.00
X Medium, 3 to 4 ft., $\frac{1}{2}$ to $\frac{5}{8}$ -in. caliper	.30	2.50	20.00

DYHOUSE. A hardy and valuable cherry. Ten days earlier than Richmond; fine.

EARLY RICHMOND. Medium size, dark red, melting and juicy; acid flavor. Very hardy, exceedingly productive.

VLADIMIR. Dwarf growing, exceptionally hardy. Dark red, juicy, sweet when ripe. Fruits second or third year.

ENGLISH MORELLO. The standard late sour cherry. Large and handsome, dark red, becoming almost black. Fruit good quality, tender, juicy, acid, rich.

MONTMORENCY. Beautiful, large, red, acid cherry of great value, very profitable; more largely planted for market than any other. Hardy, vigorous, very productive; the greatest money-maker in the list.



Montmorency.

Plums

Extra fine 2- and 3-year.

Prices of Plums and Prunes: Each 10 100

XXX Extra 6 to 7 feet, $\frac{3}{4}$ in. and up in caliper	\$0.40	\$3.50	\$30.00
XX First Class, 5 to 6 feet, $\frac{5}{8}$ to $\frac{3}{4}$ in. in caliper	.35	3.00	25.00
X Medium Size, 4 to 5 feet, $\frac{1}{2}$ to $\frac{5}{8}$ in. caliper	.30	2.50	20.00
Five at 10 rate, 50 at 100 rate.			

BEAUTY OF NAPLES. New, large, greenish-yellow, very sweet; excellent flavor.

BRADSHAW. Very large, handsome, bluish-purple; juicy, excellent. Very productive.

FELLEMBURG (Italian Prune). Largest size, superb quality; rich, juicy, very sweet; productive.

GRAND DUKE. One of the best late plums. Dark, violet red, juicy, sweet and mild.

GERMAN PRUNE. Grows to perfection everywhere; very hardy, very productive. Large, dark blue with dense bloom; juicy, sweet, rich and pleasant.

LOMBARD. Most popular and widely planted variety in America. Large, violet-red, juicy and good.

MONARCH. Large, dark purple; delicious quality.

MOORE'S ARCTIC. New, exceptionally hardy. Medium size, dark purple, juicy, sweet, pleasant.

REINE CLAUDE (Green Gage). Large, juicy, melting, sugary, delicious. Hardy, very productive.

SHIPPERS PRIDE. Very large, dark purple, juicy, sweet, fine quality. Excellent for all purposes.

SHROPSHIRE DAMSON (Prune Damson). Most popular Damson in America. Does well everywhere.

YELLOW EGG. Large, golden-yellow, sweet and mild.

Japanese Varieties

ABUNDANCE. Large; amber, turning to bright red. Juicy, tender, delicious; freestone. Hardy, productive.

BURBANK. Very large, rich dark red; tender, very juicy, rich, sweet, and aromatic. Hardy, productive.

RED JUNE. Popular early variety. Medium to large, deep red, excellent quality. Hardy, very productive.

SATSUMA. Large, reddish-purple; delicious quality; ripens very late. Hardy and productive.

Nut Trees

"The time is coming when Nut Trees will bear as important a relation to our Food Supply as the automobile does to transportation."

Improved European Filberts

(Hazel Nuts)

(Trees Bear Second or Third Year After Transplanting).

Handsome as a Shrub—Combines Beauty with Profit

Another former exclusive European product now being produced in the United States. For a number of years we have had a great many inquiries for an improved Filbert, as grown in Europe, and heretofore no nursery in the United States has succeeded or been able to produce a Filbert of the improved European type.

Acting on the advice and suggestions of a Mr. Conrad Vollersten, an eminent horticulturist and landscape gardener of Rochester, we imported in 1912 from one of the leading nurseries in Germany, twenty-one of the leading varieties of improved Filberts. Mr. Vollersten, who is now 65 years of age, came to the United States from Germany at the age of 21 and has lived in Rochester since his arrival in this country, and although German born, is now one of our leading citizens and is as true and staunch an American as there is in the United States. He owns between \$15,000 and \$20,000 worth of real estate in Rochester and has been a liberal subscriber to all four issues of Liberty Loans, and has done everything in his power to make the world a safe place to live in. Mr. Vollersten when a boy worked in one of the leading nurseries in Germany where they grow many thousands of these improved Filberts, and he advises us that thousands of plants were shipped as far north as the Province of Riga in Russia, where they bore abundantly, and that he was confident that the improved type of Filberts would grow and produce as fine a nut in the United States as in Europe. Mr. Vollersten has worked incessantly throughout the seven years of his experiment, and his wonderful work has now given to the United States a Filbert of the finest improved type, that will produce abundantly even here in New York where the temperature last winter registered 20 degrees below zero, without the slightest injury to the plants.

Two years ago when the Northern Nut Growers' Association met in Rochester, some one hundred men of this body personally inspected our Filbert growings and were much enthused with the wonderful showing we made. Particularly Dr. Robt. T. Morris of New York, one of the United States' most eminent surgeons and very active in Nut Culture, particularly the improved Filberts. Also Dr. J. Russell Smith, who occupies the chair of finance and commerce of the University of Pennsylvania, and whose hobby is Nut Culture. Mr. C. A. Reed, Nut Expert of the Department of Agriculture, Washington, D. C., has personally inspected our Filbert nurseries on four or five different occasions and has watched the development from its infancy, and on his last visit to Rochester in September, 1918, he placed an order for a number of these Improved Filberts, which we shipped last fall to the United States Experimental Farm at Washington, D. C. Mr. Reed unsolicited has freely given us the use of his name and Department for reference, and we are pleased to refer any of our patrons



Showing the Beauty of Improved Filbert as a Shrub.

Butternut

BUTTERNUT. Valuable for timber; bears an oblong, thick-shelled nut of delicious flavor. 5 to 6 ft., 75c each.

Chestnuts

AMERICAN SWEET. Adapted to a great portion of this country. Valuable as a nut producing tree, timber and ornamental purposes. As high as \$14.00 per bushel has been paid for American Sweet Chestnuts when first brought into New York market. 4 to 5 ft., 75c each.

GRAFTED SOBER PARAGON. Most widely planted and uniformly successful of the cultivated varieties. Introduced by C. K. Sober of Pennsylvania. Nuts very large, often measure 1½ inches or more across; burrs contain three or more broad, thick, handsome nuts, fully as mild and sweet as the small American Sweet Chestnut. 4 to 5 ft., \$1.50 each; \$15.00 per 12. 6 to 7 ft., \$2.00 each; \$20.00 per 12.

Walnuts

BLACK WALNUT. Most valuable for timber; rapid grower; bears large, round nut of excellent quality. 5 to 6 ft., 75c each.

ENGLISH WALNUT. Seedling trees, grown from selected nuts. Exceedingly handsome for lawn. Produce large crops of nuts, but apt to vary in size and quality. 3 to 4 ft., 75c each.

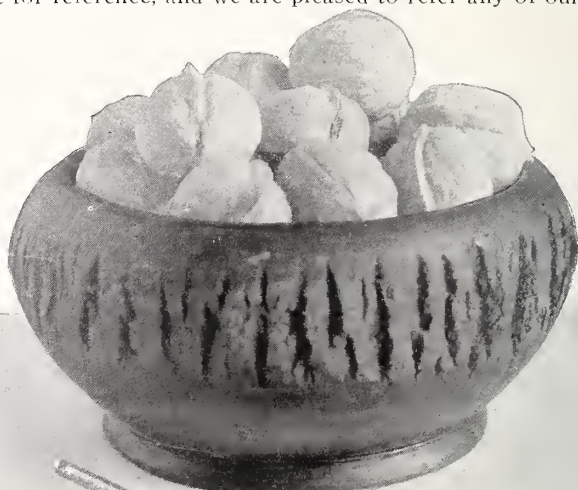
JAPAN WALNUT (Sieboldi). Perfectly hardy, rapid grower; one of the finest ornamental trees. Nuts resemble butternuts, but somewhat smaller, with thinner, smoother shell. Worthy of extensive planting. 3 to 4 ft., 75c each.

Budded or Grafted English Walnuts

Succeed where Seedling Trees Fail. Budded or grafted on Hardy Black Walnut Stock. More vigorous, hardy in all sections, bear earlier, produce nuts in 3 to 4 years that equal the best imported sorts in size and quality. Recommended by the American and Northern Nut Growers' Associations, and the U. S. Department of Agriculture as **the only dependable English Walnuts** to plant. We offer two of the best varieties, the **Vrooman Franquette** and **Wiltz Mayette**.

VROOMAN FRANQUETTE. Large, oblong; rich, exquisite flavor, a favorite for dessert. A popular variety, highly recommended and extensively planted. Tree robust, bears abundantly and regularly. The peer of all the French varieties. 3 to 4 ft., \$2.50 each.

WILTZ MAYETTE. Considered one of the finest that reaches New York markets, where it always brings highest prices. Large, smooth, fine appearance, flesh oily, rich, sweet and very good. Tree strong, vigorous and handsome. 3 to 4 ft., \$2.50 each.



Dish of English Walnuts.

to Mr. A. C. Reed, Nut Culturist, care of Department of Agriculture, Washington, D. C.

The original plants, which are now seven years old, will average 5 to 7 feet in height, according to variety, and these bushes have fruited abundantly for the past four years. In addition to its wonderful nut bearing qualities, which increase each year as the bush grows larger, the Filbert is one of the most beautiful of ornamental shrubs, the plants producing a deep green, leathery foliage during the summer months and loaded with husks of delicious nuts which make a very effective contrast. The plants take on new catkins or the male blossoms which form late in the summer for the next season crop, which hang onto the bush all winter and give a beautiful effect during the winter months after the foliage has gone.

We offer this year for the first time the following varieties, which are the cream of the twenty-one varieties imported:

MINNA'S ZELLER. A beautiful round nut of good size and quality. Ripens very early, about September 1st. A fine grower, somewhat inclined to spread.

LARGE GLOBE NUT. A very fine oval shaped nut of large size; handsome brown in color. Nuts are produced in clusters and very productive. Ripens from September 1st to September 8th.

MEDIUM LONG NUT, ZELLER. A medium sized oval or long nut. Trees come into bearing very early, and the nuts mature about September 15th. An erect growing bush, very hardy and productive.

HALLERSCHIE RIESEN. A medium to large nut of excellent flavor; bears young and is very productive. Growth of plant conical.

ITALIAN RED. One of the finest of the Improved Filberts. Nut very large and excellent flavor. A fine, upright grower and very productive.

WHITE LAMBERT NUT. This is one of our most beautiful Filberts. Nut of large size, beautiful in color and very rich flavor. The plant makes a beautiful spreading bush and the leaves are the largest of any of the Hazel Nuts.

PRICE OF THE IMPROVED EUROPEAN FILBERTS (Charges Prepaid).

	Each	Per 10
18 to 24 inches,	\$2.00	\$18.00
2 to 3 feet	2.50	22.50
3 to 4 feet	3.00	27.50

All of the plants offered are grown on their own roots and are absolutely true to type. The plants will bear the second or third year after planting, and we advise the planting of at least three different varieties for perfect pollenization. Each plant when 10 years old ought to be producing 20 to 25 pounds of nuts, so that a few plants, as anyone can readily see, will produce ample supply for a family as well as a few packages for friends. We guarantee all of the above varieties to be the finest in quality and equal to the best European grown.

For garden culture or planted as ornamental shrubs the plants should be set about six feet apart. For commercial orchard planting set about 12 feet apart each way. For a screen or hedge set about 4 feet apart.

The plants will grow on practically any soil that is moderately rich and well drained, and require very little cultivation. The nuts ripen in September, and should not be gathered until thoroughly ripened, the condition indicated by the browning of the husks.

We are the only firm in the United States that can supply the true to type Improved European Filberts.

Do not be misled by unscrupulous firms that offer Filberts of the American type (*Corylus Avellana*), as this is the small wild Filbert and of very little value.



Improved Filberts, Actual Size.



Improved European Filberts, Showing the Nuts in Husks and New Catkins forming for the Next Season Crop.

Wharton, N. J., May 30, 1918.

Trees and roses have all arrived in good condition, and must say they are the best stock I ever saw. All are budding, and it may surprise you to know the cherry trees are in blossom; this I consider remarkable after being planted only 10 days. I am more than pleased in both your trees and kindness.

GEORGE B. WHARTON.

Temple, Pa., Sept. 15th, 1918.

Please send your catalogue. I want to order stock before long for fall planting. The trees I bought from you two years ago are doing fine.

CHARLES KEEHN.

Indiana, Pa., Sept. 23rd, 1918.

Please send me your catalogue. I want to order a few trees for this fall planting. Have had some trees from you before with which I am much pleased, as they bear fine fruit.

WILLIAM F. GROSSE.

Washington, N. Y., April 27, 1918.

I received the trees last Wednesday and they were in fine shape and satisfactory. We bought of you last year 27 Apples, 2 Peaches, 22 Pears, 2 Apricots, 1 Cherry, 3 Plums, and Strawberry plants. They are all doing nicely except 3 Apple, 1 Pear, and 1 Plum. I consider it remarkably well. You can use my name for influence about your trees, for they are what you claim them to be.

WILLIAM WAGNER.

Leavittsburg, Ohio, April, 7, 1918.

Just a line with my order which I am sending, and while I have not ordered for a couple of years, you will know that I am still a satisfied customer, as the last order I gave you for nursery stock was the last I ordered from anywhere. Our Strawberries did fine, also our trees and shrubs.

MRS. GEORGE W. BURROWS.

Pickerington, Ohio, Nov. 11, 1918.

I got my nursery stock O. K. Those California Privet sure was fine and dandy. Many thanks for the same. The man that got the 12 Peach Trees wants price on 100 New Hale, 100 Early Elbertas, and 100 Elberta, for spring.

JOSEPH T. MILNAR.

North Brattleboro, Vt., May 23, 1918.

Box of Raspberry plants arrived and find them in good condition, nicely packed and looking well. Am well pleased with them.

LUTHER D. BEREDGE.

Grapes

Price of Grapes (except where noted) strong 2-year, 20c each; \$1.75 per 10; \$15.00 per 100. Note.—If by Parcel Post add 2 cents per plant.

BRIGHTON (Red). Large bunch and berry. Highest quality. Hardy.

CAMPBELL'S EARLY. New Early Black Grape; most valuable for market. Flavor rich, sweet. Bunch and berry extra large. 25c each; \$2.00 per 10.

CATAWBA. One of the best late keepers, lasts till February or March. Fine quality, largely used for wine and champagne. Large, coppery-red berries, purplish when fully ripe.

CONCORD (Black). The Great Business Grape; succeeds everywhere.

DELAWARE. A delicious little red table grape; juicy, sweet, hardy and productive.

DIAMOND. Delicious early white Grape; large, juicy, rich. Hardy, very productive.

GREEN MOUNTAIN. Earliest white Grape. Pulp exceedingly tender and sweet, with but one or two seeds; superb quality. Very hardy. 25c each; \$2.00 per 10.

LUCILE. New Red Grape. Extra hardy, crops exceed Concord. Good quality, clusters and berries large, attractive in form and color. The beauty of the fruit will always sell it at extra high prices. 25c each; \$2.00 per 10.

MOORE'S EARLY. Ten day earlier than Concord. Large, purplish-black berries, sweet and very good. Extremely hardy.

NIAGARA. The Leading White Grape for Market. Bunch and berry large, fine flavor. Hardy, and a great yielder.

WORDEN (Black). Bunch large and compact, berry round, black with blue bloom; pulpy, juicy and very pleasant; ripens several days earlier than Concord.



Lucile.

Currants

Extra strong 2-year No. 1

Price of Currants (except where noted) Each 10 100
\$0.20 \$1.50 \$10.00

Note.—If by Parcel Post add 2 cents per plants.

BLACK CHAMPION. An English variety of great value; very sweet and delicious; bushes thrifty, strong; berries very large; early, prolific, fine. 25c each; \$2.00 per ten.

CHERRY. The standard red Currant. Fruit very large; valuable alike for market and garden; splendid quality.

FAY'S PROLIFIC. One of the very best and most popular red Currants. Very productive, hardy and vigorous; of the finest quality.

PERFECTION (New). One every small fruit grower should have. Originated at Rochester, N. Y., awarded the Barry Gold Medal and other first prizes. Hardy, very productive. Color an attractive red; flavor and quality the best; juicy, tender, sprightly, sub-acid. Clusters long and compact; berries uniformly large to the tip of cluster. 25c each; \$2.00 per 10; \$15.00 per 100.

RED CROSS. A strong growing variety. Cluster long; berry medium to large, bright red; quality good to best. It is exceedingly productive, and the currants are of large size. Sweeter than ordinary currants.

WHITE GRAPE. Greatest of the white varieties. Delicious, mild, excellent quality; good for table use; very distinct and valuable. Immensely productive.



Perfection.

Small Fruits

Why pay 28 to 30 cents per quart for Berries, when a few of our strong plants set in your garden at a slight expense will give you all the fruit you will need? The plants we offer are extra strong and will produce abundantly next season. Cut down the high cost of living and place your order today for a liberal supply of these quick bearing fruits.

Quinces

Extra Strong 2- and 3-year Each 10 100
XXX 4 to 5 ft., 5/8 in. caliper. \$0.40 \$3.50 \$30.00
XX 3 to 4 ft., 1/2 to 5/8 in. cal... .35 3.00 25.00

BOURGEAT. Very productive, healthy and thrifty. Large, smooth golden yellow, of the best quality.

CHAMPION. Very large size, rich golden yellow when ripe; great bearer; very late.

ORANGE (Apple). Best of the older sorts. Very large, bright golden yellow, fine quality.

REAS MAMMOTH. Larger than Orange, tree more vigorous and productive. Ripens very early.

Apricots

SUPERB. The best Apricot now offered. Perfectly hardy, has no superior in productiveness. Beautiful yellow with slight blush; flesh firm and solid. One of its many desirable traits is its long season, covering a period of three weeks. Price, 50c each; \$4.00 per 10.

Additional varieties: Acme, Harris, Moorpark, and Montgamet. Price, 40c each; \$3.50 per 10.

Warrenton, Virginia, Dec. 6, 1918.
I have a few trees bought from you that are beginning to bear and seem to be true to name. I have been telling my neighbors about them and I believe that some of them who have never ordered from you will do so this next spring. Myself and two or three neighbors want trees next spring.

H. W. HUDDLESON.

Raspberries

Red and Purple Varieties

Price of Raspberries (except where noted), 75c per dozen; \$3.00 per hundred. Note.—If by parcel post add 1 cent per plant.

COLUMBIAN. Fruit very large; color dark reddish-purple; adheres firmly to the stem; seeds small; has a distinct flavor of its own, making it a most delicious table berry. For canning purposes it is much superior to any other. Bears enormous crops.

CUTHBERT or QUEEN OF THE MARKET. Large, rich crimson; sweet, rich, luscious. Hardy. Leading market variety for main crop.

HERBERT. The Raspberry with the real Raspberry flavor. Takes first place in hardiness. Bright red; very sweet and juicy. Enormously productive. Price, \$1.00 per dozen; \$5.00 per 100.

EARLY JUNE. Earliest of all Red Raspberries, and the most valuable early variety. Ripens in June. Fruit large, quality the best, and one of the most productive. Keeps and ships well and on account of its early bearing, brings the highest prices. Price, extra strong plants, \$1.00 per doz.; \$6.00 per 100.

ST. REGIS (Raniere) EVERBEARING RED RASPBERRY. Greatest money maker ever produced. Bears fruit four months first season planted. Begins to ripen middle of June. Wonderfully prolific, main crop as great as any other red variety, summer or autumn crops full to heavy pickings all the time. Berries large, firm and full flavored until the very last; rich, sugary. Hardy everywhere.

Black Varieties

Price, 75 cents per dozen; \$3.00 per hundred. Note.—If wanted sent parcel post add 1 cent per plant.

CUMBERLAND. Largest of the Black Caps. The most profitable variety for main crop. Fruit firm, fine quality. Very hardy.

BLACK DIAMOND. Large, handsome berry of great productiveness.

GREGG. The standard late sort

OHIO. The standard early berry. Fine quality. Very hardy and productive.

PLUM FARMER. Wonderful new berry, one of the best for all sections. Hardy and very productive. Matures early.

Stroudsburg, Pa., May 24, 1918.
I am very sorry that I have neglected writing you. I have received the trees in splendid shape and I want to thank you for the prompt shipment.
HENRY A. CRESSMAN.



Columbian Raspberry.

Blackberries

BLOWERS. The Best Blackberry. Hardest and most productive of all. Brings highest prices on the market. Berries rich in quality and quantity, big and luscious.

Also Eldorado, Erie, Rathbun, and Snyder.

Price, strong root cuttings, not sucker plants, \$1.00 per dozen; \$4.00 per 100. Note.—If by parcel post add 1 cent per plant.

Gooseberries

Strong 2- and 3-year plants.

CHAUTAUQUA. Light yellow, largest size, 1 to 1½ inch in diameter; very sweet and delicious. 30c each; \$2.50 per 10.

DOWNING, The Business Gooseberry. Pale green; juicy, sprightly and sweet. Strong grower, very productive. 20c each; \$1.50 per 10.

RED JACKET (Josselyn). The best of the American sorts, as large as the largest English variety. Strong, vigorous grower, hardy, wonderful cropper. Berry rich, juicy, highest quality. 25c each; \$2.00 per 10.

Note.—If by parcel post add 2 cents per plant.

Asparagus

Strong 2-year plants.

GIANT ARGENTEUIL. Very early, produces heavy crops of the largest white stalks. Makes good show in market, always brings the best prices. 75c per 25; \$2.00 per 100.

CONOVER'S COLOSSAL. Standard kind of first quality.

PALMETTO. Fine early variety of large size.

Price, Conover's and Palmetto, 75c per 25; \$1.50 per 100; \$10.00 per 1,000.

Note.—If by parcel post add 25 cents per 100 plants.

Rhubarb

Strong 2-year whole roots.

STRAWBERRY RHUBARB. Early, tender, without being in the least tough or stringy; color a beautiful strawberry-red. 15c each; 10 for \$1.00; \$7.00 per 100.

CHAMPAGNE RHUBARB (New). Excels all in size, flavor, and delicate tenderness of its crimson stalks. Brings highest market price. 25c each; \$2.00 per 10; \$15.00 per 100.

Note.—If by parcel post add 2 cents per plant.



St. Regis Everbearing.



Rochester.

Peaches

Prices of Peaches (except where noted)	Each	10	100
XXX 4 to 6 feet, $\frac{5}{8}$ -in. caliper.....	\$0.35	\$3.25	\$30.00
XX 4 to 5 feet, $\frac{1}{2}$ to $\frac{5}{8}$ -in. caliper.....	.30	2.75	25.00
5 at 10 rate, 50 at 100 rate.			

BELLE OF GEORGIA. Large, white with red cheek. Bears heavy, fine shipper. Semi-free.

BEERS' SMOCK. A large, yellow flesh peach, an immense improvement on Smock's Free, a better annual bearer.

CARMAN. Large, yellow with deep blush. Fine flavor. Extra hardy, bears heavy. Nearly free.

CHAMPION. Best White Freestone. Delicious flavor, sweet, rich, juicy. Hardy and productive.

CRAWFORD'S EARLY. Very large, yellow, rich, sweet, luscious; free. September.

CRAWFORD'S LATE. Very hardy; large, yellow, rich, sweet, free. September.

EARLY ELBERTA. Golden yellow with red blush. 10 days ahead of Elberta; larger, more highly colored, better quality; splendid shipper. Extra hardy, heavy and reliable bearer. Free.

ELBERTA. One of the finest yellow freestones. The standard market sort both North and South; has made more money for the growers than any other variety.

FITZGERALD. Large yellow freestone of the very best quality.

LAMONT. Improved Late Crawford. Magnificent large yellow peach of good quality.

GREENSBORO. Extra large, very early. White with crimson blush. Good flavor. Extremely hardy, productive. Semi-cling.

GLOBE. Late yellow freestone of good quality; large, firm, juicy. Enormous bearer.

MOUNTAIN ROSE. Early white freestone; one of the best. Large, juicy, rich.

SALWAY. Very late yellow freestone. Very large, firm, juicy, rich.

NIAGARA. Large, orange yellow and deep red. Sweet, rich flavor. Abundant. Free.

The Hale Peach

	Each	10	100
XXX	\$0.40	\$3.75	\$35.00
XX .....	.35	3.25	30.00
X .....	.30	2.75	25.00

King of all Peaches. Combines all qualities most desired, either for home or market. Brilliantly colored, deep golden yellow with carmine blush. Skin thick, without fuzz, smooth as an Apricot. Flesh deep yellow, firm, fine grained, tender, melting, luscious flavor. Very solid and heavy Peach of immense size, fully one-half larger and harder than Elberta; enormously productive. Perfect freestone. Wonderful keeper and shipper. Sells for one-third more than ordinary sorts.



J. H. Hale.

The Celebrated Rochester Peach

	Each	10	100
XXX	\$0.40	\$3.75	\$35.00
XX .....	.35	3.25	30.00
X .....	.30	2.75	25.00

Earliest and Best Yellow Freestone for Home or Market. Ripens two weeks before Early Crawford, when there is no other yellow freestone of quality on the market; commands double the price of any other variety of its season. Beautiful golden yellow and red Peach of immense size, solid and heavy, very highly flavored, juicy and delicious; far sweeter than Crawford. Exceptionally hardy, more productive than Elberta and usually bears the first or second year after planting.

Markleville, Pa., May 1, 1918.

Received the Peach trees in good order and think them exceptionally fine. Thank you for the fine Raspberry plants.

MRS. ARIEL F. NEWLIN.

Our nurseries have been inspected by the State Inspector for San Jose Scale and other dangerous insects and diseases, in compliance with the laws of New York, and have been found free of such troubles. A certificate of the inspector will accompany every sale and shipment as required by the law. All shipments into States requiring it will be properly fumigated and certificate of fumigation attached.

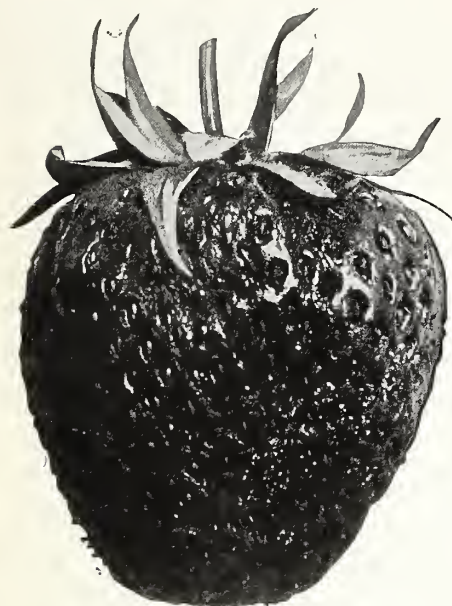
Distances for Planting

Standard Apples	30 to 40 feet apart each way
Standard Pears and Strong Growing Cherries.....	20 feet apart each way
Duke and Morello Cherries	18 feet apart each way
Standard Plums, Peaches, Apricots and Nectarines.....	16 to 18 feet apart each way
Dwarf Pears	10 to 12 feet apart each way
Dwarf Apples	10 to 12 feet apart each way
Quinces	10 to 12 feet apart each way
Grapes.....	rows of 10 to 16 feet apart; 7 to 16 feet in rows
Currants and Gooseberries.....	4 feet apart
Raspberries and Blackberries	3 to 4 by 5 to 7 feet
Strawberries for Field Culture	1 by 3 to 3½ feet
Strawberries, for Garden Culture	1 to 2 feet apart
Asparagus, for Field Culture	1 by 3 feet
Asparagus, for Garden Culture	1 by 1½ feet

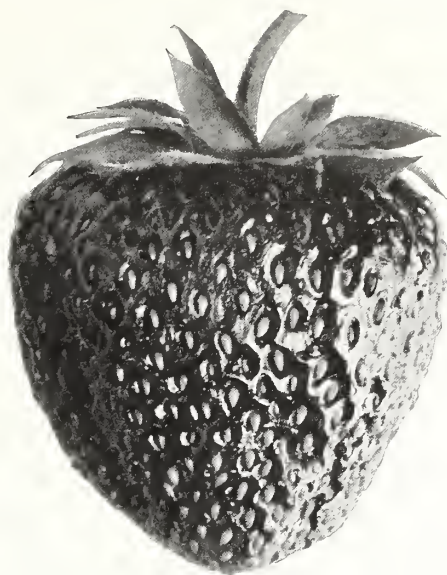
Number of Trees on an Acre

40 feet apart each way.....	27	10 feet apart each way.....	435
30 feet apart each way.....	50	8 feet apart each way.....	680
25 feet apart each way.....	70	6 feet apart each way.....	1210
20 feet apart each way.....	110	5 feet apart each way.....	1745
18 feet apart each way.....	135	4 feet apart each way.....	2725
15 feet apart each way.....	205	3 feet apart each way.....	4840
12 feet apart each way.....	300		

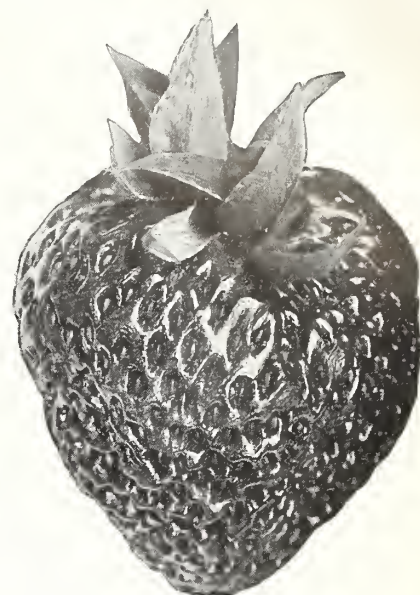
Rule.—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be number of square feet for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants or trees to the acre.



Monroe.



Prolific.



Senator Dunlap.

Strawberries

Extra fine plants from fresh, new propagating beds.

Price of Strawberries, except Monroe, 75c per 25; \$1.50 per 100; \$8.00 per 1,000, postpaid.

MONROE. Very hardy, strong grower. Extremely large, handsome, deep red berry; very firm, superior flavor. Brings top price. \$1.00 for 25; \$2.00 per 100; \$10.00 per 1,000.

PROLIFIC (New). Desirable commercial variety; very productive; has yielded 14,502 quarts per acre. Matures in mid-season, ripening period long. Very large, retaining size well as season advances. Bright scarlet; firm, juicy, aromatic, good quality.

Also Brandywine, Glen Mary, Ryckerman, Senator Dunlap.

Everbearing Strawberries

Price, postpaid, \$1.25 per 25; \$3.00 per 100; \$25.00 per 1,000.

PROGRESSIVE. Bears heavily the first summer and fall. Berry rather long, dark red, good quality, extra sweet; good shipper. Recommended by Horticultural Societies everywhere. Perfect blossom.

SUPERB. Produces splendid fruit; with us outyields all other fall bearers. Berries very large, dark red, finest flavor. Perfect blossom.

Hedge Plants

BARBERRY, THUNBERGII (Japan Barberry). Brilliant green foliage, turning to most glowing colors from autumn to December. Loaded with scarlet-crimson berries after leaves fall. Hardy where Privet is not. One of the best shrubs to plant against the foundations of a house or in front of taller growing shrubs. 12 to 18 inches, \$9.00 per 100; 18 to 24 inches, \$12.00 per 100.

CALIFORNIA PRIVET. Most popular half-evergreen hedge. Remarkably beautiful, glossy, dark green foliage; strong, rapid grower.

12 to 18 inches, \$3.00 per 100; 18 to 24 inches, \$4.00 per 100; 2 to 3 feet, \$5.00 per 100.

POLISH PRIVET. Absolutely hardy everywhere. Will not freeze. 12 to 18 inches, \$7.50 per 100; 18 to 24 inches, \$9.00 per 100; 2 to 3 feet, \$11.00 per 100.

Other desirable hedge plants, American Arbor-Vitae and Norway Spruce, Altheas, Hydrangeas, Spireas.



Barberry Hedge.



California Privet.

Ornamental Shrubs

Strong 2- and 3-year specimens.

Price of shrubs (except where noted), 35c each; \$3.00 per 10.

ALMONDS. Pink Double Flowered and White Double Flowered. Covered with small rose-like blossoms in May. 50c each.

ALTHEA, ROSE OF SHARON. Large, bell-shaped flowers in August and September. Colors white, red, purple; single and double.

Tree Form. The Althea, as a shrub, is fine and attractive, but grown in tree form becomes doubly beautiful and interesting. It is hardy and of easy cultivation. Colors same as preceding. Price, 75 cents each.

BARBERRY, PURPLE-LEAVED. Foliage and fruit of a violet-purple color, very striking; fine for single specimens; also desirable for ornamental hedges.

BARBERRY, THUNBERGII. (See description under Hedge Plants).

CALYCANTHUS—SWEET SHRUB. Flowers in June of a rare chocolate color; deliciously fragrant.

BUDDLEIA. Everblooming Butterfly Bush or Summer Lilac. Flowers very sweet and fragrant, blooming in spikes 6 to 10 inches long, continuing all summer until frost comes.

CLETHRA ALNIFOLIA (Sweet Pepper Bush). Very hardy. Flowers pure white, richly perfumed.

DEUTZIA GRACILIS. Dwarf grower, covered with white flowers in June.

DEUTZIA, PRIDE OF ROCHESTER. Very large double white flowers; blooms profusely.

DEUTZIA CRENATA. Double white flowers tinged with rose color.

ELDER, GOLDEN. Golden-green foliage when planted in sun. White blossoms followed by handsome berries.

FORSYTHIA, GOLDEN BELL. Drooping yellow flowers early in spring before the leaves.

HYDRANGEA ARBORESCENS STERILIS (Hills of Snow). Grand, new, everblooming. Perfectly hardy. Enormous snow-white flowers. 50 cents each.

HYDRANGEA PANICULATA GRANDIFLORA. Hardy in all sections. Flowers immense; greenish-white, changing to pure white and turning pink with age.

HYDRANGEA P. G., Tree Form. Same as above but in tree form with but a single stem. Very desirable. 60c each.

UPRIGHT HONEYSUCKLE. Pink, red, and white. beautiful shrubs, blooming early in spring.



HYDRANGEA P.G.



Weigela
Rosea.

KERRIA JAPONICA, GLOBE FLOWER. Orange - yellow double flowers. Handsome.

LILAC, Purple. Bluish-purple flowers. Standard variety; always good.

LILAC, White. Cream-colored flowers; very fine.

LILAC, Charles X. Large, shining leaves; flowers large, single, reddish-purple. 50c each.

LILAC, Lemoine. A choice variety, bearing large clusters of double white flowers. 50c each.

LILAC, Ludwig Spaeth. New, and believed to be the finest of the class. Color, purplish-red. 50 cents each.

LILAC, Pres. Grevy. Very large blue flowers; largest of all. 50 cents each.

SNOWBERRIES. Red and white. Flowers small, rose-colored, berries hang on well into winter.

GERMAN IRIS. Flowers large, colorings exquisite. Blue, lavender, maroon, purple, white, yellow. 20 cents each.

JAPAN IRIS. Flowers broad and flat, wonderful variety of colors. 25 cents each.

SYRINGA, Common. Blooms very early, pure white, highly scented flowers. One of the first

SYRINGA, Golden. Golden-yellow foliage that keeps its color all season. Very sweet-scented.

SPIREA, Anthony Waterer. New, dwarf growing variety. Crimson flowers. 35 cents each.

SPIREA, Van Houttei. Grandest Spirea of all. A fountain of white flowers in early spring.

SPIREA, Billardi. Fine foliage, with spikes of red colored flowers during summer and fall.

SPIREA, Prunifolia (Bridal Wreath). A superb old-fashioned variety, with graceful, upright, slender branches covered with a wreath of white flowers in May. Leaves turn to beautiful orange.

WEIGELA Candida. Pure white blossoms in great profusion in June.

WEIGELA, Rosea. Rose-colored flowers in May and June.

WEIGELA, Variegated Leaved. One of the best dwarf shrubs. Silvery-variegated leaves, flowers nearly white. 50 cents each.

WEIGELA, Eva Rathke. Charming new variety. Brilliant crimson flowers twice in one season. 50 cents each.

JAPAN SNOWBALL. Completely covered with large balls of pure white flowers in June. 50c each.

SNOWBALL, Common, or Guelder Rose. An old-time favorite. Handsome, showy flowers.



SPIREA VAN HOUTTEI

The Peonies

Fine hardy plants, rivaling the rose in perfection of bloom and coloring, requiring little extra care, as they thrive well in any soil. The following is a selection of the best varieties. **Price, 35c each** (except Fringe-leaf). **Fringe-leaf Peonies, 50 cents each.**

Alba Lutea. White, yellow center.
Alexander Dumas. Bright rose.
Berlioz. Currant red.
Carnea Elegans. Light red.
Delachie. Purple-crimson, shaded violet.
Duchesse De Nemours. Sulphur white.
Humei. Purplish rose.
Fringe Leaf. Red.
Jeanne D'Arc. White, salmon center.
Lilacina. Lilac rose.
Magnifica. Delicate pink, changing to white.
Modeste. Pink, very large.
Officinalis Rubra. Old double red from Grandmother's garden.
Purite. Large, pure white.
Queen Victoria. Blush white, changing to pure white, center petals red.

Phlox

Phlox, Hardy. Very fine, perfectly hardy; beautiful plants. The following is a selection of the best varieties. **Price, 25 cents each; \$2.00 per 10.**

Aurore. Coppery orange with rich crimson center.
Coquelicot. Crimson scarlet.
Eclairer. Carmine rose, center shaded white.
Eiffel Tower. Beautiful pink, tall, superb.
Embracement. Dark wine red.
Feu de Bengal. Bright carmine, dark center.
King of the Purple. Most attractive of all, dark purple.
Lustre. Rose pink, crimson center, large flower, fine.
Pantheon. Pink or salmon rose, large flower, extra fine.
Purite. Pure white, the best white.
Richard Wallace. White with violet center.
William Robinson. Deep rosy salmon with purple eye.



Peony Modeste.

Evergreens

Arbor-Vitae—American

A well known variety of great value; forms an upright conical tree of only medium size and is the finest evergreen for screens, being hardy and more easily transplanted. Grows rapidly and with little care; or rather, by easy management, it soon forms a most beautiful hedge, very dense, and perfectly impervious to the sight. It is not adapted to turn stock but forms a most desirable and ornamental screen to divide the lawn from other parts of the ground, or for any similar purpose. **18 to 24 inch, 50c each; 10 for \$4.00; 100 for \$35.00; 2 to 3 feet, 75c each; 10 for \$6.00; 100 for \$50.00.**

Juniper—Irish

A very pretty little tree or shrub, forming a neat, tapering column of deep foliage; very hardy and desirable for planting on lawns, or in cemetery lots, where larger evergreens are not admissible. **2 feet, 75 cents each.**

Norway Spruce

The most generally used of evergreen trees. Useful for screens and windbreaks on account of its rapid growth. It makes a tall tree, and as an individual tree, with room to develop, is of pyramidal, symmetrical growth, its lower branches sweeping the ground. **18 to 24 in., 50 cents each; 10 for \$4.00; 100 for \$35.00; 2 to 3 feet, 75 cents each; 10 for \$6.00; 100 for \$50.00.**

Koster's Blue Spruce

A grafted variety of the Colorado Blue Spruce, the highest colored, most strikingly beautiful of all evergreens for the lawn. A perfectly shaped tree of compact growth with an abundance of foliage of the richest, silvery, glistening blue. It is difficult to form an idea of the beauty of this tree, which is a triumph in evergreen growing. Very hardy. **18 to 24 in., \$4.00 each; 2½ to 3 feet, \$6.00 each.**

Summit, N. J., January 11, 1919.

I bought some trees from you in April, 1915, which made a wonderful growth. The following year I sold my farm, and I wish to thank you for the good stock you sent me, as they certainly did add to the beauty of the place, which made the sale much easier. I have not been farming since I sold the other place, but intend to next spring, as I bought a farm now and would like to get some trees of you either in the spring or next fall. Kindly send me your catalogue.

WILLIAM A. NITSCH, 84 Springfield Ave.



Hardy Phlox.



Catalpa Bungei.



Cornus Florida—White-flowering Dogwood.



Bechtel's Double-flowering Crab.

Deciduous Trees for Shade and Ornament

BIRCH, CUT LEAF WEEPING. Tall, slender, vigorous growth; graceful, drooping; bark silvery-white; foliage delicately cut. 6 to 8 feet, \$1.00; 8 to 10 feet, \$1.50 each.

BEECH, PURPLE-LEAVED. Highly ornamental and desirable. 4 to 5 feet, \$1.50 each.

CATALPA BUNGEII (Umbrella Catalpa). A unique tree, desirable for lawn and park. Makes an umbrella-shaped top without pruning. Perfectly hardy. 6 to 7 feet, \$1.25 each.

CATALPA SPECIOSA. Very rapid growing; produces magnificent flowers early in spring. 8 to 10 feet, 75 cents each.

CORNUS FLORIDA (White-flowering Dogwood). American variety of irregular habit, with spreading, open top. The flowers are white, produced in May, followed by scarlet berries and gorgeous autumnal coloring of the leaves. 75 cents each.

CRAB, BECHTEL'S DOUBLE-FLOWERED. In early spring covered with beautiful double pink fragrant flowers. 3 to 4 ft., 75c each.

ELM, AMERICAN WHITE. Noble, spreading, drooping tree. One of the grandest park and street trees. 8 to 10 feet, 75 cents; 10 to 12 feet, \$1.00 each.

HORSE CHESTNUT. Has magnificent spikes of white flowers. 6 to 8 feet, \$1.00 each.

LINDEN, AMERICAN (Basswood). Rapid growing; large, fragrant flowers. 7 to 8 feet, 75c; 8 to 10 feet, \$1.00 each.

MAPLE, Sugar or Rock. Excellent for streets, parks or lawns. 8 to 10 feet, \$1.00; 10 to 12 feet, \$1.50 each.

MAPLE, Norway (Hard Maple). Most popular shade tree in America. Ideal for street, drive or lawn. 8 to 10 feet, 75c; 10 to 12 feet, \$1.00.

MAPLE, Schwedler's Purple. Very large bronze-red leaves and young shoots of same color. 6 to 8 feet, \$1.25 each.

MAPLE, Silverleaf, or Soft Maple. Fast growing, succeeds everywhere; in big demand where immediate shade is required. 8 to 10 feet, 60 cents; 10 to 12 feet, 85 cents each.

MAPLE, Weir's Cut-leaved. A variety with cut or dissected foliage; branches slender and drooping, almost as graceful as the cut-leaved birch. The foliage is silvery underneath. 8 to 10 feet, \$1.00 each.

MOUNTAIN ASH, European. Fine, hardy tree, covered from July till winter with clusters of bright red berries. Very ornamental. 8 to 10 feet, 75 cents each.

MULBERRY, Downing. Rapid grower. Bears mild, pleasant berries of good quality. 5 to 7 feet, 75 cents each.

MULBERRY, Tea's Weeping. Perfectly hardy; fine lawn tree; forms natural umbrella-shaped top. 6 to 7 feet, \$1.50 each.

PLANE, Oriental. Leaves heart-shaped at base, deeply cut. Is among our tallest trees, growing rapidly into massive proportions. Hardy and free from disease. 8 to 10 feet, \$1.00 each.

POPLAR, Carolina. Rapid grower; large, glossy leaves; fine for shade. 6 to 8 feet, 35 cents; 8 to 10 feet, 50 cents; 10 to 12 feet, 75 cents each.

POPLAR, Lombardy. Well known for its erect, rapid growth and commanding form. 6 to 8 ft., 40c; 8 to 10 ft., 60c; 10 to 12 ft., 85c.

THORN, Paul's Double Scarlet, and Double White. Highly ornamental both in foliage and flowers. 4 to 5 ft., 75c each.

WILLOW, Babylonian (Weeping Willow). Tall, graceful, beautiful. 6 to 8 ft., 75c.

WILLOW, Golden. Golden bark of high color. 6 to 8 ft., 75c.



Cut-leaved Weeping Birch.



Norway Maple.

Norwichtown, Conn., Feb. 20, 1918.
Have you sent me a spring catalogue? I have not received any and would like to send you an order. What I ordered last spring arrived in good condition and all shrubs blossomed but three. They were beautiful.

WILLIAM WATERS.

Center Hall, Pa., Dec. 25, 1917.
Please send me your catalogue on fruit trees. I am interested in apples, plums, and cherries. I have some of your trees and want more.

B. F. GRENOBLE.

Nutley, N. J., Feb. 3, 1918.
Have not seen anything of your 1918 catalogue as yet. Send one also to Chas Gardner, of this city. He is a new customer I got for you and will order trees, roses, etc. I will also send you another order for different stock.

JOHN MEINWEISER.



Lombardy Poplar.

Climbing Vines

Nothing lends such a pleasing effect to wall or veranda as the judicious use of vines. The hardy vine is best adapted for covering an unsightly wall or for furnishing shade and ornament to verandas. With the advent of spring the tendrils are given new life and as the season advances they soon become a beautiful covering. Hardy vines practically take care of themselves after once established, and are much more desirable and less trouble than the annual or tender varieties. Without climbing vines many beautiful homes would present a sad picture during the hot summers.



Hall's Japan Honeysuckle.

CLEMATIS Henryii. Finest white Clematis. Flowers very large; single. 40 cents each.

CLEMATIS, Jackmanii. Best purple sort. Single, very large. 40 cents each.

CLEMATIS, Mad. Ed. Andre. Distinct and fine. Flowers deep crimson, velvety. 40 cents each.

CLEMATIS, Paniculata. Very popular. Blooms profusely; small, single, white flowers borne in large panicles. 35 cents each.

CLEMATIS, Ramona (New). Deep sky-blue, distinct from any other kind; very attractive. Extremely hardy. 50 cents each.

AMPELOPSIS VEITCHII (Boston Ivy). Requires no support, clings closely to smoothest surface. 25 cents each.

DUTCHMAN'S PIPE. Large, heart-shaped leaves, brownish flowers resembling small pipe. Hardy, rapid grower. 50 cents each.

HONEYSUCKLE, Hall's Japan. Almost evergreen. Covered from July to December with fragrant white flowers, turning to yellow. 35 cents each.

WISTERIA, Purple. Perfectly hardy; very beautiful. Flowers in spring in long, drooping racemes. 50 cents each.

Hardy Climbing Roses

These are the roses so necessary for the home, giving to it, no matter how humble or pretentious, a touch of beauty not to be had by any other form of adornment. They have also a most useful side, in that they give most delightful and refreshing shade when used on the porch, veranda, or pergola. They are used very extensively in covering unsightly spots in the grounds, for screening outbuildings, and for trailing down over embankments. They are perfectly hardy, requiring comparatively little care after once being planted, and they bear great quantities of lovely flowers. Climbers can be put to so many good uses that it seems as if every household should have at least a few.

NEW CLIMBING AMERICAN BEAUTY. Rosy-crimson, same exquisite fragrance as old American Beauty. Flowers large, produced profusely from spring until frost comes. 40 cents each.

DOROTHY PERKINS. The only fragrant Rambler. Shell-pink, very double. 35 cents each.

WHITE DOROTHY PERKINS. 35 cents each.

EXCELSA, Red Dorothy Perkins. New, and finest of all crimson ramblers. Great quantities of full, double flowers, crimson-maroon, tips of petals scarlet. Hardy everywhere. 40 cents each.

FLOWER OF FAIRFIELD (Everblooming Crimson Rambler). 40 cents each.

LADY GAY. Delicate pink, fading to white. 35 cents each.

CRIMSON RAMBLER. Immense clusters of rich, glowing crimson flowers that remain for more than two weeks. 35 cents each.

YELLOW RAMBLER. Double, golden-yellow flowers. 35c each.

WHITE RAMBLER. Pure white, very double. 35 cents each.

TAUSENDSCHON (Thousand Beauties). New. Covered with bright blossoms of every imaginable shade from white to deep pink, borne in clusters; quite double. 50 cents each.

Washington, D. C.,
March 8, 1918.

The trees that I received from you several years ago have grown wonderfully. Every one planted is healthy and they have borne fruit already, except the apples. These trees blossomed last year and I hope to have some apples this year. My neighbors planted trees at the same time that they bought from an agent and they are just about half the size of mine.
A. F. MAGRUM,
37 New York Ave. N. E.



Climbing American Beauty.



Tausendschon.



Excelsa—Red Dorothy Perkins.

Roses

There is no more beautiful flower than the Rose and are among the easiest of all to raise. The love of the Rose is universal, and with the selection of varieties we offer no one need look elsewhere for their supply.

Superb Everblooming Roses

BESSIE BROWN. Immense white Rose, flushed with pink. 50c each.

BETTY. Glorious coppery-rose overspread with golden-yellow. 60 cents each.

GRUSS AN TEPLITZ. Brilliant scarlet, shading to velvety crimson. 50 cents each.

JONKHEER J. L. MOCK. Giant pink Rose. 50 cents each.

LADY HILLINGDON. Beautiful apricot-yellow shaded to orange. 60 cents each.

MADAME CAROLINE TESTOUT. Brilliant satiny rose color. 50 cents each.

RICHMOND. Superb; scarlet-crimson, most brilliant hue. 50 cents each.

DEAN HOLE. Gorgeous silvery-carmine, shaded salmon. 50 cents each.

LADY ASHTOWN. Soft carmine-pink of a most pleasing shade. 50 cents each.

MY MARYLAND. Brilliant, glowing, intense pink. 50 cents each.

RHEA REID. Vivid scarlet-crimson. Magnificent. 50 cents each.

KILLARNEY. Brilliant, sparkling pink. Unusually hardy. 50 cents each.

CRIMSON MAMAN COCHET. Brilliant, clear red, velvety. 50 cents each.

PINK MAMAN COCHET. Clear, rich pink, changing to silvery-rose. 50 cents each.

WHITE MAMAN COCHET. Snow-white, sometimes tinged with pale blush. 50 cents each.

GEORGE AHREND. Delicate pink, wonderfully beautiful. 50 cents each.

EDWARD MAWLEY. The finest of all dark crimson Roses. 50 cents each.

AARON WARD. New, Beautiful rich yellow, changing to pinkish-fawn. One of the best. 60 cents each.

SUNBURST. New, giant yellow Rose, suffused with orange copper. Magnificent. 75 cents each.

RADIANCE. Glorious new Rose, beautiful blendings of carmine-rose with opal and coppery reflections. 50 cents each.

WM. R. SMITH. Softly blended pink and flesh tints. 50 cents each.



My Maryland.

WHITE KILLARNEY. One of the most exquisite pure white Roses. Long, full buds, handsome in shape; full open flower beautiful in form and texture. 60 cents each.

Best Hardy Hybrid Perpetual or June Roses

ANNA DE DIESBACH. Lovely shell-pink. 40 cents each.

BARON DE BONSTETTIN. Dark red, shaded velvety maroon. 40 cents each.

CLIO (New). Flesh color, center shaded rosy-pink. 40 cents each.

GENERAL JACQUEMINOT. Brilliant scarlet-crimson. 40c each.

GLOIRE LYONNAISE. Rich, creamy white to pale yellow. 40 cents each.

FRAU KARL DRUSCHKI (White American Beauty). The ideal pure white Rose. 50 cents each.

HEINRICH MUNSCH. The Pink Frau Karl Druschki. 40c each.

J. B. CLARK. Intense deep scarlet. Immense size. 50 cents each.

MARSHALL P. WILDER. Deep, rich, glowing red. 40c each.

MRS. JOHN LAING. Soft pink, beautiful form, very fragrant. 40 cents each.

PAUL NEYRON. Largest size; bright, clear, shining pink. 40 cents each.

PRINCE CAMILLE DE ROHAN. Deep velvety crimson, shaded black. 40 cents each.

ULRICH BRUNNER. Bright cherry-red, large and full. 40 cents each.



Jonkheer
J. L. Mock.

Watertown, N. Y., Oct. 3rd, 1918.
Your shipment of trees, currants, and strawberries came safely to hand and are all set out and doing well. The strawberries have never stopped, looked splendid and I wish to say that I am more than pleased with all. Also I wish to thank you for the prompt manner in which you handled my order, also, the pains you went to in writing me so fully just how to care for them over winter. Your directions will be carried out to the letter and it will be no fault of yours if they die. Expect to give you a good-sized order in the spring.

J. FREDERICK
HUNTINGTON.

Westport, N. Y., Oct. 12, '18.
The plants arrived yesterday. The finest plants I have seen in some time. They look so good I cannot resist ordering some more. Will you kindly ship the enclosed order at once.

E. A. ROOS.

Acushnet, Mass., Nov. 10th, 1918.
Trees arrived all right. Planted them today and delighted with them. Would like to know if you have any Rochester Peach (Dwarf), as I shall want some more next spring.

R. HAWORTH.

Lewisburg, Pa., Dec. 8, 1918.
Quince trees arrived all O. K. Will give you an order for more in the spring.

T. J. SCHUG.



Edward Mawley.